APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

Agency: AEC/Tenn,
P.O. Number: DTI-70-18

Title: Concerning the Number of Channels of Division and the Interpretation of the Energetic Dependence of the Probability of the (d,pf)-Reaction

Author: P. E. Vorotnikov

Source: Ordena Lenina, Institut Atomnio Energii, Moscow. Report IAE-1819. 1969.

Language: Russian

Special Instructions: Translate and type the Russian abstract preceding each report.

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

Agency: AEC/Tenn.
P.O. Number: DTI-70-37

Title: Concerning the Electrical Rupture of Conductors

Authors: V.K. Fedorov, P.A. Cheremnykh

Source: Kurchatov Atomic Energy Institute, Moscow, 1969. Report IAE-1829

Language: Russian

Special Instructions: Please translate and type one copy of abstract only.

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

Agency: AEC/Tenn.
P.O. Number: DTI-70-36

Title: Sublimation of Americium Tetrafluoride

Authors: E.G. Chudinov, D. Ya. Choporov

Source: Report IAE-1831. Kurchatov Atomic Energy Institute, Moscow, 1969.

Language: Russian

Special Instructions: Please translate and type one copy of abstract only.

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Agency: AEC/Tenn.
P.O. Number: DTI-70-36

Title: A Theoretical Model of the Fouling Process in the Cores of Reactors with Organic Coolants

Authors: Yu. N. Aleksenko, et al.

Source: Report IAE-1833. Kurchatov Atomic Energy Institute, Moscow, 1969.

Language: Russian

Special Instructions: Please translate and type one copy of abstract only.

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Agency: AEC/Tenn. R-11288-D
P.O. Number: DTI-70-37 3 Feb. 1970

Title: Long-Wave Phonons in Metal

Authors: E.G. Brovman, Yu. Kazan

Source: Kurchatov Atomic Energy Institute, Moscow, 1969. Report IAE-1846

Language: Russian

Special Instructions: Please translate and type one copy of abstract only.

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Agency: AEC/Tenn.
P.O. Number: DTI-70-37

Title: A Method of Calculating the Energy Spectrum of the Low-lying States of Spherical Nuclei

Authors: E.E. Sapershtein, V.A. Khodel'

Source: Kurchatov Atomic Energy Institute, Moscow, 1969. Report IAE-1855.

Language: Russian

Special Instructions: Please translate and type one copy of abstract only.

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R-11398-D

Agency: AEC/Tenn.
P.O. Number: DTI-70-39

Title: Monopol' Diraka

Author: L. M. Barkov, et al.

Source: Kurchatov Atomic Energy Institute, Moscow, 1969. IAE-1856.

Language: Russian

Special Instructions: Translate and type one copy of abstract preceding report.

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Instability of Charged-Particle Beams in Plasma,
by M. V. Nezlin, 87 pp.
RUSSIAN, preprint, Kurchatov Institute of
Atomic Energy, IAE-1882, 1969.
AEC/UCRL-Tr-10437-69

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Design of the Isochronous Cyclotron Laboratory of the I. V. Kurchatov Institute of Atomic Energy, by N. I. Venikov. 13 pp.
RUSSIAN, rpt, IAE-1888.
AEC-LA-tr-69-23

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Search for Three-Vector Correlations in Decay of Polarized Neutrons, by B. G. Yerozolimskiy, L. N. Bondarenko, 18 pp.
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AEC-Tr-7156

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

R 11929-D

Agency: AEC/Tenn.
P.O. Number: DTI-71-3

Title: A System of Monochromatization of the External Beam of the 2.4-Meter Isochronous Cyclotron of the Kurchatov Atomic Energy Institute.

Authors: Yu. G. Basargin, et al.

Source: Kurchatov Atomic Energy Institute, Moscow, 1969. Report IAE-1898.

Language: Russian

Special Instructions: Please translate and type the abstract preceding the report.

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

R 11920-5

Agency: AEC/Tenn.
P.O. Number: DTI-71-3

Title: The Effect of Cation Salt out on the Division of Trivalent Actinide Elements.

Authors: E. G. Chudinov and S. V. Pirozhkov.

Source: Kurchatov Atomic Energy Institute, Moscow, 1969. Report IAE-1904.

Language: Russian

Special Instructions: Please translate and type the abstract preceding the report.

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Ion Cyclotron Instability in a Nonumiform Magnotic Field, by A. V. Timofeyev, 69 pp. RUSSIAN, rpt, IAE-1939, Kurchatov Institute of Atomic Energy, 1969.
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AEC-4(UCRL-Trans-10497) 5CHARGE-EXCHANGE EXPERIMENT WITH A FAST PLASMA BUNCH IN THE I.N.E.S. INSTALLATION. 6Zamaraukin, L. V.; Kartashov, K. B.; Pistunovich, V. I.; Platonov, V. V.; Filimonova, E. A. 7(Akademiya Nauk SSSR Moscow. Institut Atomnoi Energii). 810Translated by T. Watt for Univ. of California, Lawrence Radiation Lab., Livermore, from report 11IAE-1951. 15121066p. 24Dep. NTIS.

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26fusion devices (thermonuclear); physics (plasma); translations
2718A, 201

2820MN-20 29P NSA

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fusion devices (thermonuclear); physics (plasma); translations
18A, 20I

MN-20 NP NSA

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

1/1 C4(KAPL-Trans-4) 5NEUTRON THERMALIZATION IN H_2O AT 318°K AND 77°K. 8Ishmaev, S. N.; Sadikov, I. P.; Chernyshov, A. A. 7(Gosudarstvennyi Komitet po Ispol'zovaniyu Atomnoi Energii SSSR, Moscow. Institut Atomnoi Energii). 10 Translated by R. E. Slovacek (Knolls Atomic Power Lab., Schenectady, N. Y.), from report 11IAE-1954. 2029p. 24Dep. NTIS.

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28MN-34 29P NSA

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

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Scattering of Neutrons with an Energy of 4 MeV at Angles Close to 180°, by V. M. Morozov, 5 pp.
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Radiation-Thermal Decomposition of Highly Fluorinated Liquid and Perfluorobenzene, by I. V. Kurchatov, V. A. Khramchenkov, 7 pp. RUSSIAN, tpt, I. V. Kurchatov Atomic Energy Institute, IAE-1977, Moscow, 1970. AEC/BNL-Tr-394-70

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AEC (ORNL-tr-2432) COLLECTIVE DECELERATION OF A BEAM OF ENERGETIC RELATIVISTIC ELECTRONS IN A DENSE PLASMA TARGET. Rudakov, L. I. (Gosudarstvennyi Komitet po Ispol'zovaniyu Atomnoi Energii SSSR, Moscow. Institut Atomnoi Energii). Translated for Oak Ridge National Lab., Tenn., from report IAE-2004. 27p. Dep. NTIS (U. S. Sales Only).

physics (plasma); translations 201

MN-34 P NSA

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

AEC (LA-tr-70-25) INVESTIGATION OF FINE STRUCTURE OF A PLASMA FOCUS USING THE METHOD OF A MULTIPERFORATED PINHOLE CAMERA. Agafonov, V. I.; Moiseeva, M. P.; Filippova, T. I.; Filippova, N. V. (Gosudarstvennyi Komitet po Ispol'zovaniyu Atomnoi Energii SSSR, Moscow. Institut Atomnoi Energii). Translated by Helen Dahlby (Los Alamos Scientific Lab., N. Mex.), from report IAE-2015. 20 9p. Dep. NTIS.

fusion devices (thermonuclear); physics (plasma); translations
18A, 20I

MN-20 P NSA

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

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AEC (1)(LA-tr-71-6) (5)PASSIVE DIAGNOSTICS OF A PLASMA FOCUS USING CHARGED PRODUCTS OF THE dd-REACTION. (6)Bel'kova, I. F.; Vikhrov, V. V.; Ivanov, V. D.; Filippov, N. V. (10)Translated by Helen Dahlby (Los Alamos Scientific Lab., N. Mex.), from report (11)IAE-2016. (20)14p. (24)Dep. NTIS.

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(28)MN-34 (29)P NSA

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AEC (SC-T-70-4046) RESEARCH ON STUDYING AND INCREASING THE PLASMA PARAMETERS ON "NON-CYLINDRICAL Z-PINCH" EQUIPMENT. Agafonov, V. I.; Belyaeva, I. F.; Vikhrev, V. V.; Ivanov, V. D.; Moiseeva, M. P.; Svirskii, E. B.; Filippov, N. V.; Filippova, T. I. (Akademiya Nauk SSSR, Moscow. Institut Atomnoi Energii). Translated by Fredric D. Killebrew (Sandia Labs., Albuquerque, N. Mex.), from report IAE-2017. 32p. Dep. NTIS.

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18A, 20I

MN-20 P NSA

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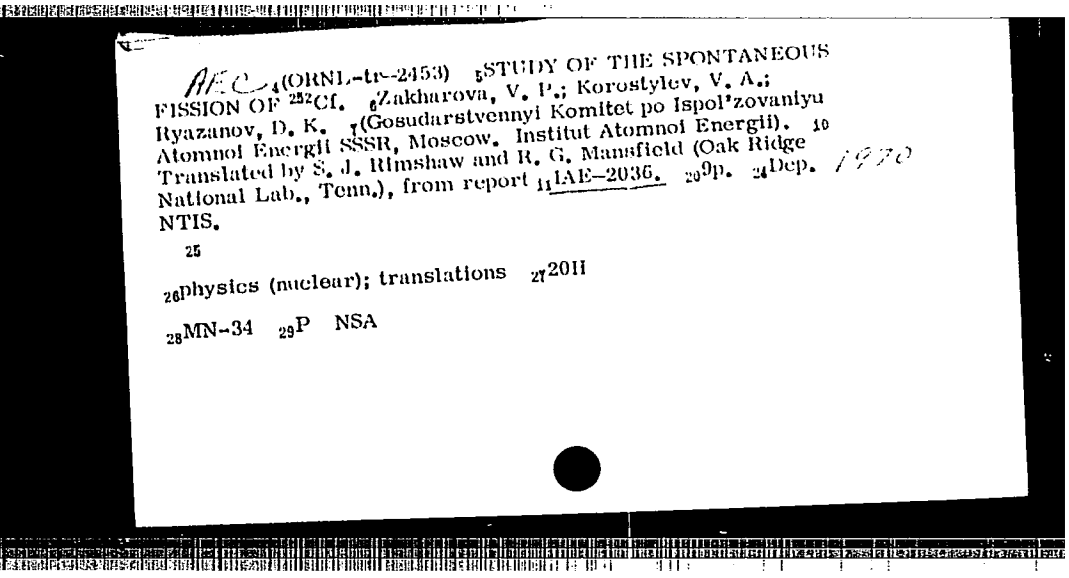

AEC 4(ORNL-tr-2453) 5STUDY OF THE SPONTANEOUS FISSION OF 252Cf. 6Zakharova, V. P.; Korostylev, V. A.; Ryazanov, D. K. 7(Gosudarstvennyi Komitet po Ispol'zovaniyu Atomnoi Energii SSSR, Moscow. Institut Atomnoi Energii). 10 Translated by S. J. Rimshaw and R. G. Mansfield (Oak Ridge National Lab., Tenn.), from report 11IAE-2036. 20 9p. 24Dep. 1970 NTIS.

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MN-20 P NSA

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H F C [4](MATT-Trans-106) [5]MEASUREMENT OF THE DIFFUSION LIFETIME OF THE PLASMA IN THE TOKAMAK-3 MACHINE BY THE INJECTION OF NEUTRAL HYDROGEN. [6] Gorbunov, E. P.; Mirnov, S. V.; Parfenov, D. S. [7](Institut Atomnoi Energii, Moscow (USSR)). [10]Translation of report [11]IAE-2064. [20]26p. [22M]Dep. NTIS.

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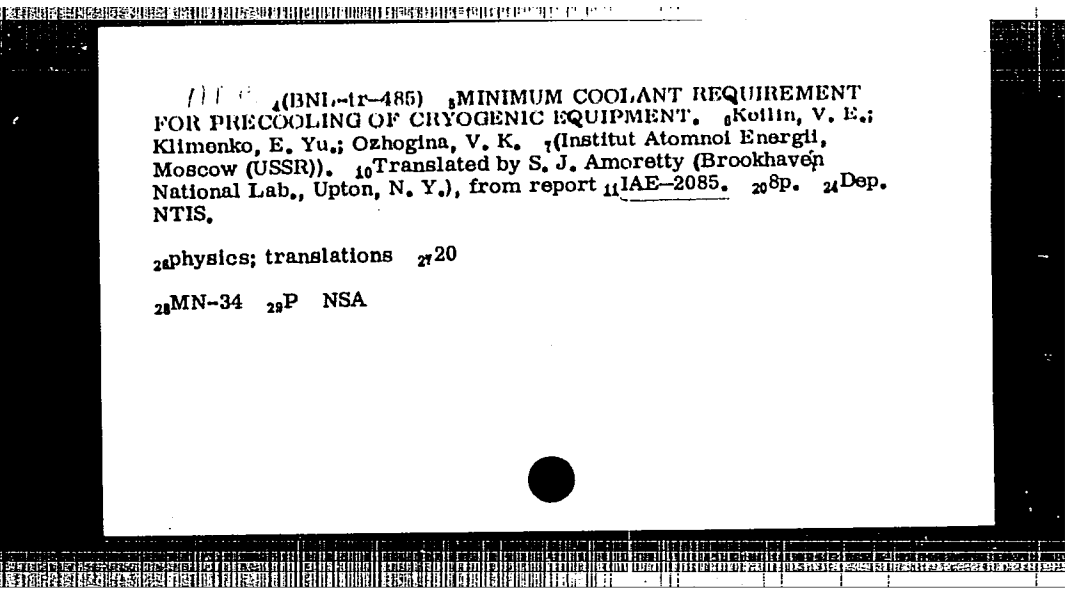

4(BNL-tr-485) 5MINIMUM COOLANT REQUIREMENT FOR PRECOOLING OF CRYOGENIC EQUIPMENT. 6Kotlin, V. E.; Klimenko, E. Yu.; Ozhogina, V. K. 7(Institut Atomnoi Energii, Moscow (USSR)). 10Translated by S. J. Amoretty (Brookhaven National Lab., Upton, N. Y.), from report 11IAE-2085. 20 8p. 24Dep. NTIS.

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28MN-34 29P NSA

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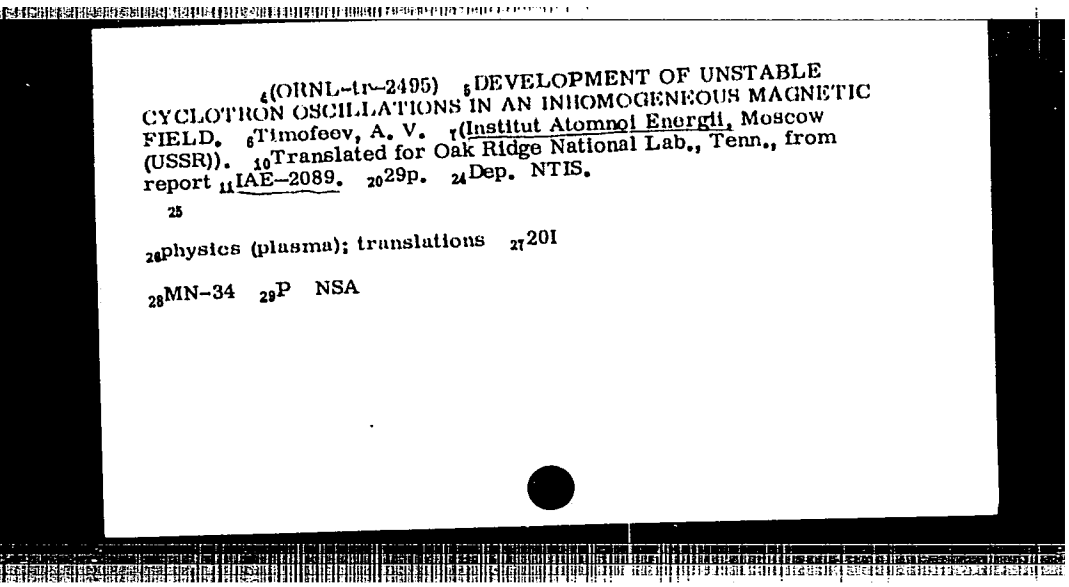

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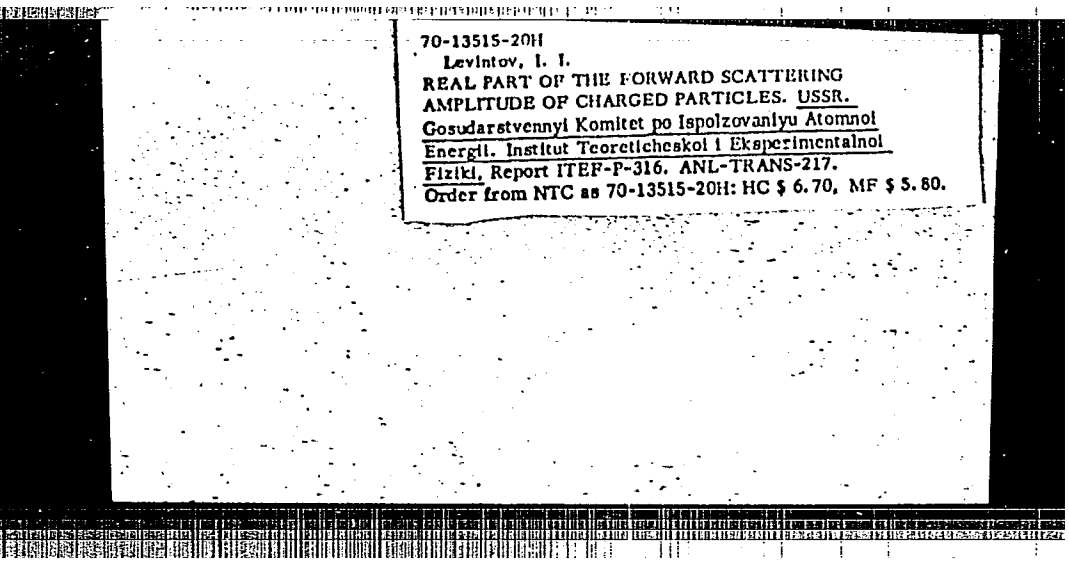

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Levintov, I. I.
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Institute of Theoretical and Experimental Physics (Selected Articles), by V. V. Miller, 29 pp.
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The Efficiency of Multiturn Injection, by
V. K. Plontnikov.
RUSSIAN, rpt, USSR, Gosudarstvennyi Komitet
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Teoreticheskoi i Eksperimentalnoi Fiziki, 1970,
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///(4(BNL-tr-377) 8EFFICIENCY OF MULTITURN IN-JECTION. 6Plotnikov, V. K. 7(Gosudarstvennyi Komitet po Ispol'zovaniyu Atomnoi Energii SSSR, Moscow. Institut Teoreticheskoi i Eksperimental'noi Fiziki). 10Translated by S. J. Amoretty (Brookhaven National Lab., Upton, N. Y.). from report 11ITEF-739. 2030p. 24Dep. NTIS.

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26particle accelerators; translations 27G20

28MN-28 29P NSA

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MN-34 NP NSA

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[illegible] 4(UCRL-Trans-1451) 5COUPLING RESONANCES OF THE TRANSVERSE OSCILLATIONS OF TWO CIRCULAR BEAMS. 6Zenkevich, P. R.; Koshkarev, D. G. 7(Gosudarstvennyi Komitet po Ispol'zovaniyu Atomnoi Energii SSSR, Moscow. Institut Teoreticheskoi i Eksperimental'noi Fiziki). 8Translated by F. D. Jones for Univ. of California, Lawrence Radiation Laboratory, Berkeley, Calif., from report 11ITEF-841. 15171033p. 24Dep. NTIS.

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

NTC 72-14052-20H

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MN-34 NP NSA

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

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(U) (SLAC-Trans-140) MEMORY TIME AND SPARK DISPLACEMENT IN NARROW-GAP SPARK CHAMBERS IN A MAGNETIC FIELD. Rudkovich, I. A.; Dukhovskoi, I. A. (Gosudarstvennyi Komitet po Ispol'zovaniyu Atomnoi Energii SSSR, Moscow. Institut Teoreticheskoi i Eksperimental'noi Fiziki). Translated for Stanford Linear Accelerator Center, Calif., from report ITEF-884. 15p. Dep. NTIS.

Instrumentation; translations 18D

MN-37 P NSA

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[redacted]

NEC [4](CERN-Trans-71-41) [5]INVESTIGATION OF REACTIONS AT A MOMENTUM OF 2.94 GeV/c. [6]Barmin, V. V.; Golubchikov, V. M.; Davidenko, G. V.; (and others) [7](Gosudarstvennyi Komitet po Ispol'zovaniyu Atomnoi Energii SSSR, Moscow. Institut Teoreticheskoi i Eksperimental'noi Fiziki). [10]Translated by B. Hodge (CERN, Geneva, Switzerland), from report [11]ITEF-886. [20]14p. [24]Dep. NTIS (U. S. Sales Only).

[25]physics (particle); translations [27]20H

[28]MN-34 [29]NP NSA

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Agency: AEC/Tenn.
P.O. Number: DTI-70-37

Title: A Dual Iron-Free -Spectrometer of Concurrences of the Type "Apel'sin"

Authors: Yu. N. Rakivnenko, et al.

Source: Physico-Technical Institute of the Academy of Sciences, Ukrainian SSR, Khar'kov, 1969. Report KHFTI-69-5

Language: Russian

Special Instructions: Please translate and type one copy of abstract only.

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

Handbook of Manufacture of Prefabricated Reinforced Concrete Products (Vol. 1 of 3), by B. G. Skramtayeva, P. K. Balut'yeva. 1,001 pp. RUSSIAN, bk, Gosudarstvennyy Komitet po Promyshlennosti Stroitel'nykh Materialov Pro Gosstroye SSSR. Vol 1, 1965, pp 1-361.
AIR/FTD/IT-23-571-67

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Handbook of Manufacture of Prefabricated Reinforced Concrete Products (Vol. 2 Of 3), by B. G. Skramtayova, P. K. Balat'yeva. 1,001 pp. RUSSIAN, bk, Gosudarstvennyy Komitet po Promyshlennosti Stroitel'nykh Materialov Pri Gosstroye SSSR, Vol 2, 1965, pp 362-692.
AIR/FTD/HT-23-571-67

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Handbook for the Production of Precast Reinforced Concrete Products, by B.G. Skramtayev and P. K. Balat'yev, 576 pp.
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Staff Personnel Bonuses Under New
Reform, 7 pp.
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i Zarabotnoy Platy -- Byulleten', Moscow,
No 6, 1968, pp 3-8.
JPRS 46420

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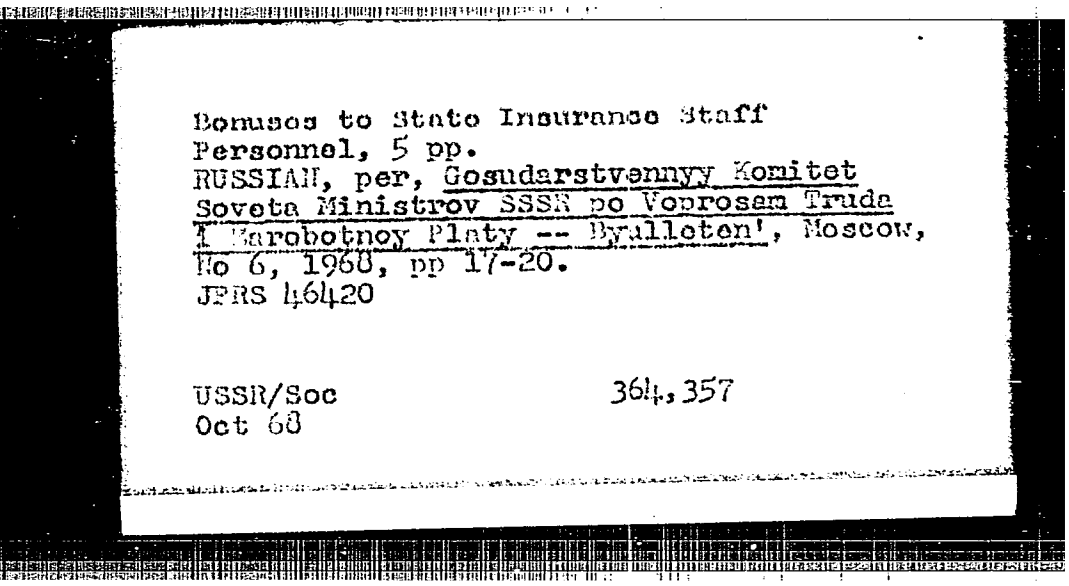

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RUSSIAN, per, Gosudarstvennyy Komitet Soveta Ministrov SSSR po Voprosam Truda I Zarobotnoy Platy -- Byulleten', Moscow, No 6, 1968, pp 17-20.
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Compensation Upon Conscription into Active or Reserve Military Service, 6 pp.
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New Model Statute Announced for On-Job Training,
13 pp.
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

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Decrees Extend Shchekino Experiment in Industry.
31 pp.
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

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Experimental Steps to Improve Production
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JPRS 49335

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396,517

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Decree Ties Bonuses Closer to Productivity,
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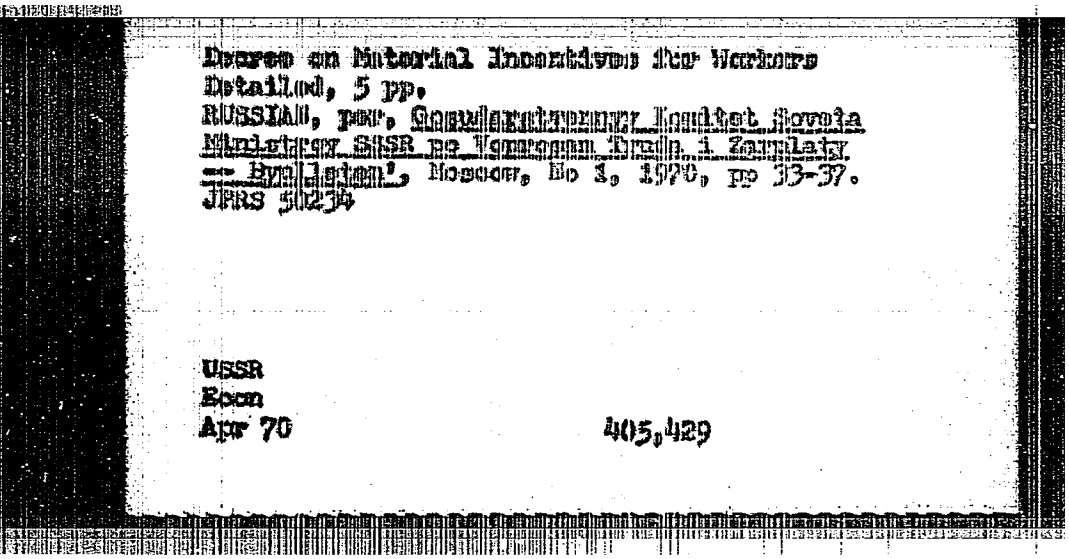

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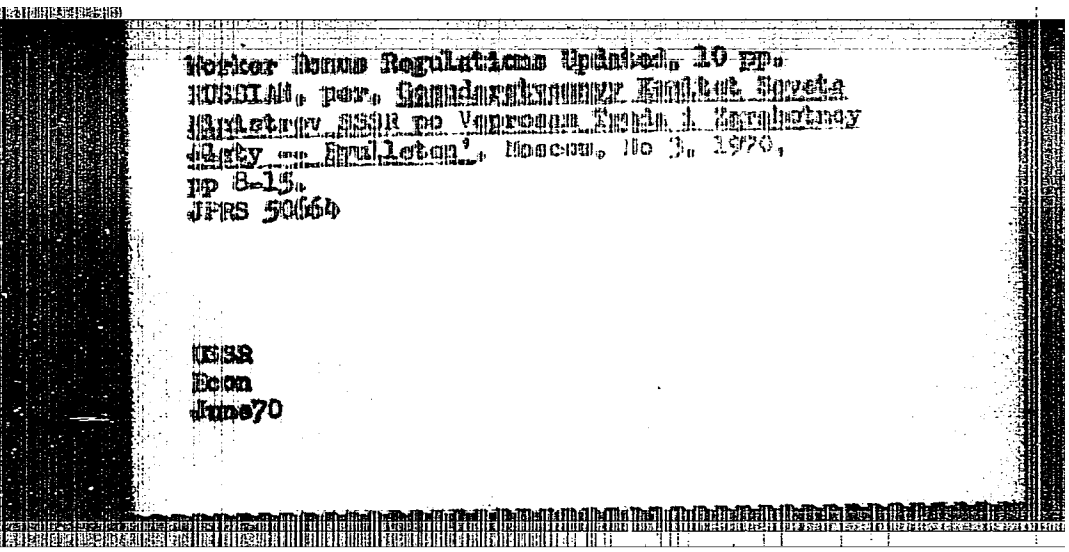

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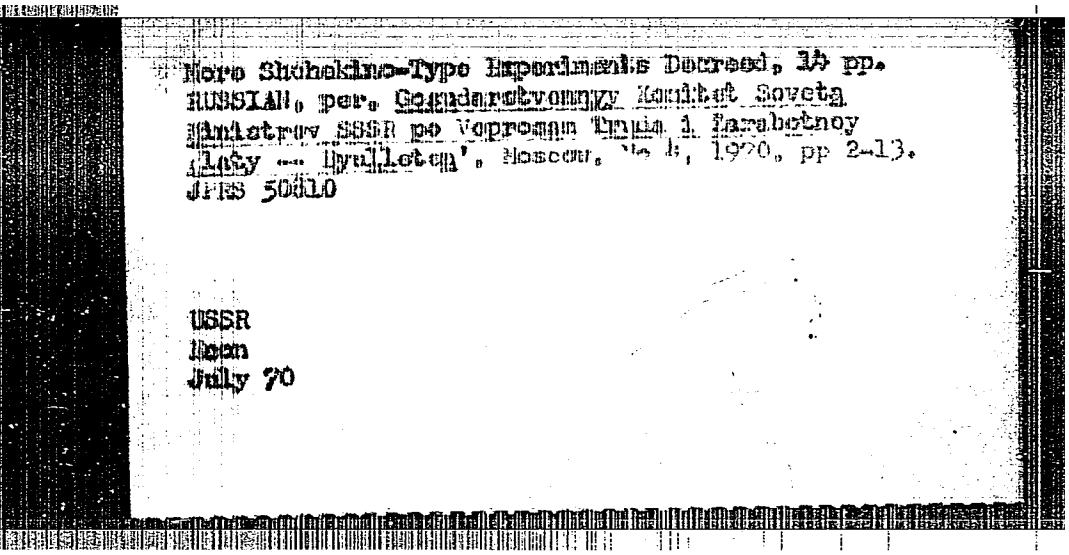

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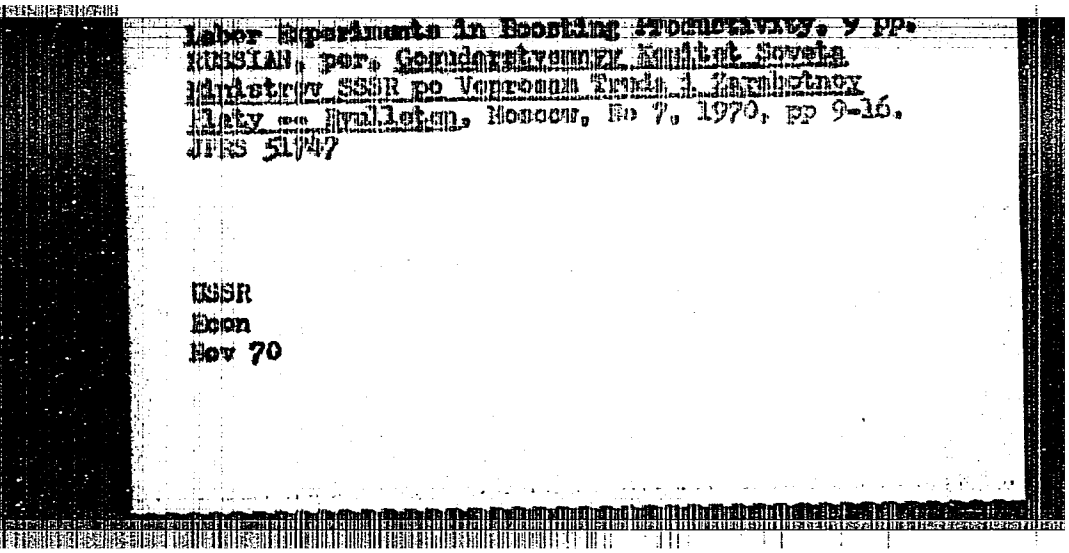

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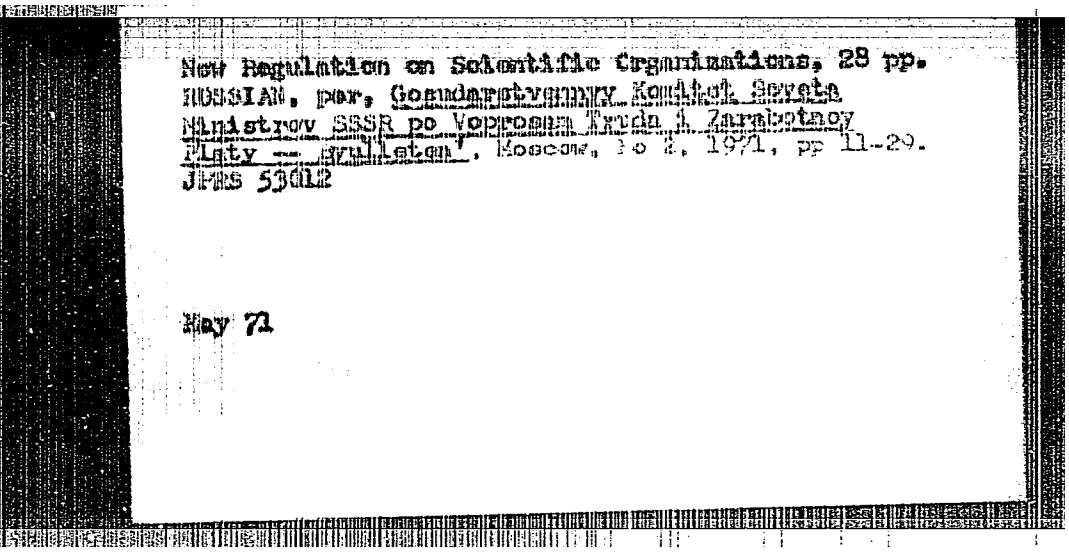

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Phase and Volume Relations in Binary Ethylene-n-Heptane and Ethylene-n-Octane Systems, by
E. R. Shenderei, F. P. Ivanovskii
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NTC 71-14461-07D

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FTD-HT-23-553-67

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AIR/FTD/HT-23-772-68

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nov 69

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*CSFTI TT 68-50383

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

State Five-Year Plan for the Development of the USSR National Economy for the Period 1971-1975. Part II, 241 pp.
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JPRS 56970-1

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Komitet Standartov, Mer i Izmeritel'nykh Priborov 1966
State standards-fish and fishery products (Gosudarstvennye standarty - ryba i ryboprodukty)
Izd. Komiteta Standartov, Mer i Izmeritel'nykh Priborov, Moscow, 352p. In Russian.

Transl. by Fgn. Lang. Div., Dept. of Sec. of State of Canada, for Canada Dept. of Fish and Forestry, Apr. 1968, as VF Transl. No. 227, 355p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

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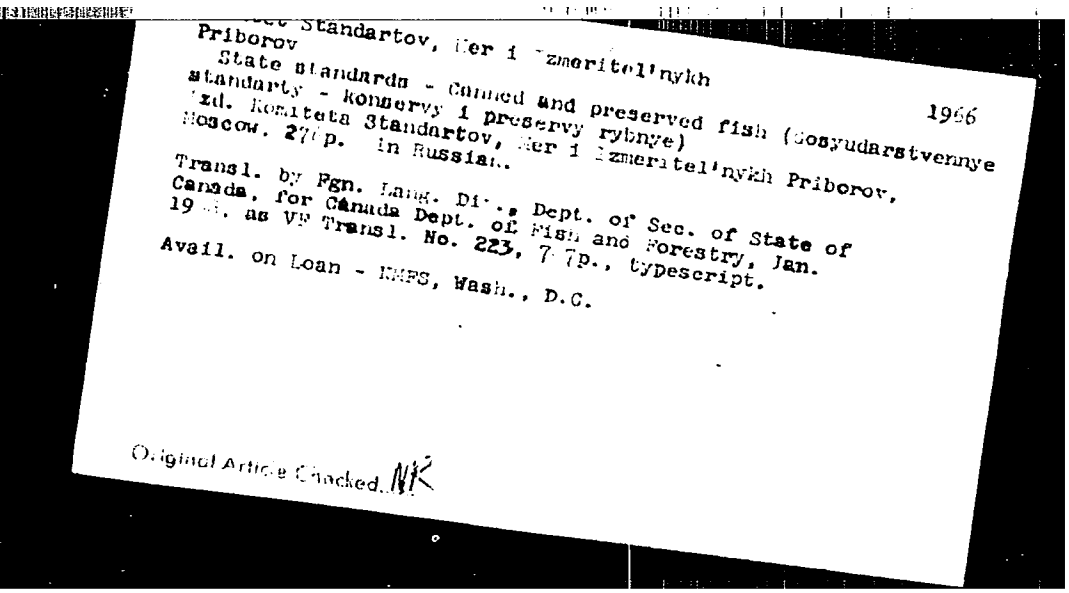

Standartov, Mer i Izmeritel'nykh Priborov

State standards - Canned and preserved fish (Gosyudarstvennye standarty - Konservy i preservy rybnye) 1966
Izd. Komiteta Standartov, Mer i Izmeritel'nykh Priborov, Moscow. 27 p. In Russian.

Transl. by Fgn. Lang. Div., Dept. of Sec. of State of Canada, for Canada Dept. of Fish and Forestry, Jan. 19--. as VP Transl. No. 223, 7-7p., typescript.

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

Komitet Standartov, Mer i Izmeritel'nykh Priborov 1966
State standards-fish and fishery products (Gosudarstvennye standarty - ryba i ryboprodukty)
Izd. Komiteta Standartov, Mer i Izmeritel'nykh Priborov, Moscow, 352p. In Russian.

Transl. by Fgn. Lang. Div., Dept. of Sec. of State of Canada, for Canada Dept. of Fish and Forestry, Apr. 1968, as VF Transl. No. 227, 655p., typescript.

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

Low-Power Electronic Tubes Type 30TS6S for a Broad Range of Applications, 8 pp.
RUSSIAN,rpt, GOST 8078.
ARMAFSTC/HT-23-303-69

Sci/Elect
Jan 70

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

Type 5Ts4C Low-Powered Electron Tube for Widely Used Devices, 9 pp.
RUSSIAN, rpt, GOST 8079.
ARM/FSTC/HT-23-304-69

Sci/Elect
Jan 70

400,098

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Motor Vehicle and Tractor Engine Cooling System
Thermostat, 7 pp.
RUSSIAN, rpt, GOST-3683-51.
ARM/FSTC/HT-23-732-72

July 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

Seamless hot-rolled steel tubes. Common technical requirements.
GOSUDARSTVENNYY STANDART, TRUDY STALYNYE BESSHOVNYE GORYACEKATANYE, OBSHCHIE TEXNICESKIE TREBOVANISH
GOST 8731-66
FTD-MS-24-1158-71

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

Machines: Noise Characteristics and
Methods of Determining Them.
RUSSIAN, por, GOST 11870-66.
*NLL Ref: RTS 4929

Sci-Mech
July 69

377,405

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

REQ TR CHECK 15-1-1RCA BR71-0103

State Standards (GOST 13260-67: Class A3J Single -Sideband Low-Level HF Radiotelephone Communication Radio Sets (Transceivers); GOST 13420-68: Long Line Radio Communication Transmitters; GOST 12252-66: Frequency-and Phase-Modulated Low Level UHF Radio Sets for Use in the National Economic Sector).

No author

Russ: Radiotekhnicheskiye Ustroystva, [redacted] Moscow, 1969

pp. 512-609

HT-23-71-280 Rec'd for xlating 9 FEB 1971 Negative 27 Apr 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

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Unified Decimal Classification 64.941
Canned Meats, Liver Pie with Butter.
RUSSIAN, rpt, GOST 5.39 - 67.
FSTC/MT-23-425-69

Sci-B&M
June 69

384,090

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300940050-7

State Standard GOST 3514-67 for Colorless Optical Glass, 33 pp.
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ARM/FSTC/HT-23-637-68

Sci/METH & EQUIP
Dec 69

397,197

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TROTYL (TRINITROTOLUOL) FOR INDUSTRIAL EXPLOS
IVES

NONE INDICATED LANGUAGE-RU COUNTRY-UR

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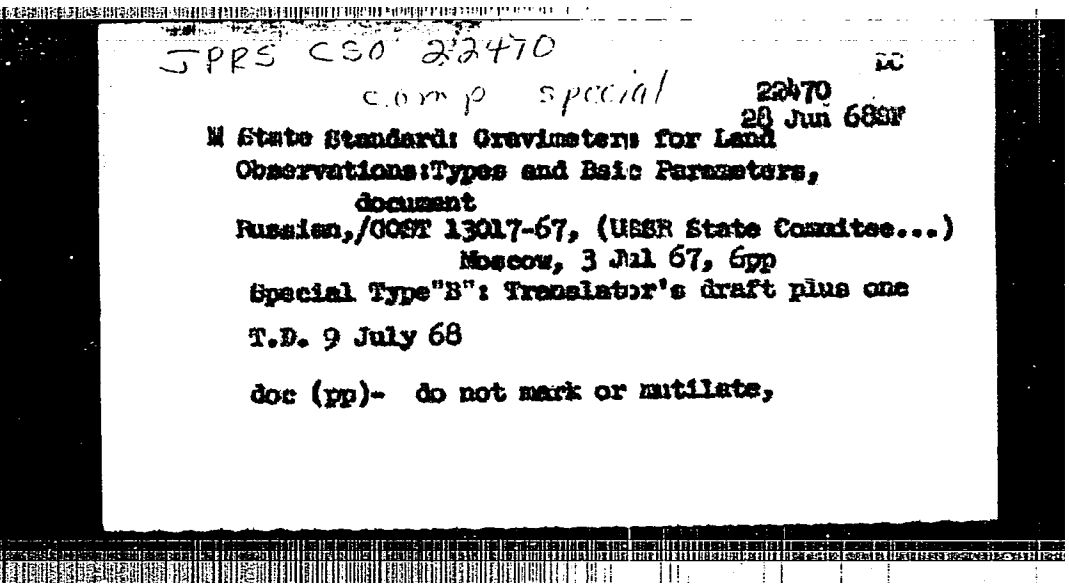

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